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COMMISSIONER FOR PATENTS
Mail Stop Patent Application
P. O. Box 1450
Alexandria, Virginia 22313-1450

DOCKET NUMBER: AUS920030579US1

DATE: October 23, 2003

031088 U.S. PTO
10/693031
102303

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: David William Boerstler and Eskinder Hailu

For: Adaptive Method and Apparatus to Control Loop Bandwidth of a Phase Lock Loop

Assignee Name: International Business Machines Corporation
Assignee Residence: Armonk, New York

Enclosed are:

X	14	Patent Specification including an Abstract
X	4	Pages of Claims
X	7	Sheet(s) of drawings. __ Informal X Formal
X	1	Declaration(s) and Power of Attorney
X		Form PTO 1595 and Assignment of the Invention to IBM Corporation
__		A certified copy of a ____ application.
X		Information Disclosure Statement, PTO 1449 and copies of 4 references.

The filing fee has been calculated as shown below:

FOR	Number Filed		Number Extra		Rate		Basic Fee $770.00
Total Claims	9	-20 =	0	X	$ 18	=	$ 00.00
Independent Claims	6	- 3 =	3	X	$ 86	=	$ 258.00
Multiple Dependent Claims	00			X	$290	=	$
					Total Filing Fee	=	$1,028.00

X   Please charge my Deposit Account No. 09-0447 in the amount of $ 1,028.00. A duplicate copy of this sheet is enclosed.
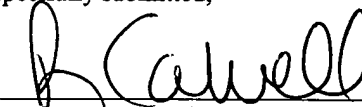
X   The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

    X   Any additional filing fees required under 37 CFR 1.16.

    X   Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

By _____
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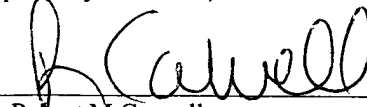X   Information Disclosure Statement, PTO 1449 and copies of __4__ references.

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